

DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)		Attorney Docket No.:	PGI6044P1271US
		First Named Inventor:	Paul Schmidt
		<i>COMPLETE IF KNOWN</i>	
		Application Number:	10/763,463
		Filing Date:	January 23, 2004
		Group Art Unit:	1755
<input type="checkbox"/> Declaration Submitted With Initial Filing <input checked="" type="checkbox"/> Declaration Submitted After Initial Filing (surcharge (37 CFR 1.16(a)) required)		Examiner Name:	Unassigned

As a below-named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first, and sole inventor (if only one name is listed) or an original, first and joint inventor (if plural names are listed) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **Unitized Fibrous Concrete Reinforcement**, the specification of which:

- ☐ is attached hereto; or
- ☒ was filed on January 23, 2004 as Application Serial No. 10/763,463 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Numbers	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

- ☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby claim the benefit of any United States application(s) listed below.

Application Number(s)	Filing Date	<input type="checkbox"/> Additional application numbers are listed on a supplemental priority data sheet attached hereto.
60/442,574	January 24, 2003	
60/442,672	January 24, 2003	
60/474,039	May 29, 2003	
60/474,049	May 29, 2003	

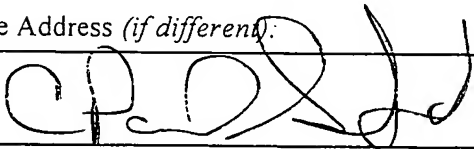
The undersigned hereby authorizes the U.S. attorney(s) or agent(s) named herein to accept and follow instructions from the assignee, if any, of the undersigned or from n/a as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between the U.S. attorney(s) or agent(s) and the undersigned. In the event of a change in the persons from whom instructions may be taken, the U.S. attorney(s) or agent(s) named herein will be so notified by the undersigned.

As a named inventor, I hereby appoint the registered practitioner(s) identified by Customer No. 32116 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, whose firm name, mailing address, telephone number, and facsimile number for this application are:

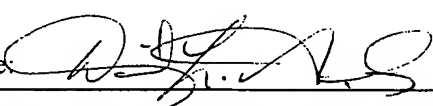
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Customer Number (32116)

I hereby declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:	Paul Schmidt	
Citizenship:	U.S.	
Residence:	23618 South Dean Road, Pretty Prairie, Kansas 67570	
Post Office Address (if different):		
Signature:		Date: July 21, 2004
<input type="checkbox"/> A petition has been filed for this unsigned inventor.		

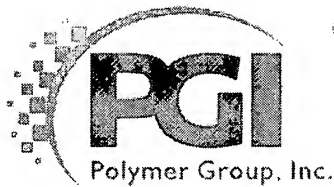
Name of Additional Inventor, if any:	Gene Lamb	
Citizenship:	U.S.	
Residence:	100 S. Penalosa, Kingman, Kansas 67068	
Post Office Address (if different):		
Signature:		Date:
<input type="checkbox"/> A petition has been filed for this unsigned inventor.		

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<input type="checkbox"/> A petition has been filed for this unsigned inventor.	

Application No. 10/763,463
Appendix to Amendment dated September 26, 2005



Appendix A



Date: September 21, 2005

Subject: Trial Report – Fiber Break-Up Test

Trial Dates: 9/20/05 & 9/21/05

Materials: SI Bundles, 2" Concrete Fiber
PGI "QC" ¾" Fibrillated Fiber

Procedure: Fiber Test Wt. – 115.0 g. +/- 5.0 g.
Concrete Sand Wt. – 53.10 lbs.
Coarse Aggregate Wt. – 64.90 lbs.
Mixer RPM – 26
Add sand & aggregate first, then add fiber. Do Not Add Water or Cement
Begin mixing. Visibly watch mixing operation checking for signs of fiber bundle break-up.
"Stop Operation" check fiber bundle break-up every 3 – 5 minutes:

- Shut off mixer
- Without disturbing mix, look for fiber bundles, document progress, take digital picture of progress.
- Continue process until fiber bundle break-up is perceived complete.

SI Bundles, 2" Concrete Fiber: (9/21/05)

- ◆ Fiber Bundle (pucks) Wt. – 116.03 g. (2 pucks)
- ◆ "Stop Operation" check @ 5.0 min. mix time showed both pucks intact. Documented w/ pic.
- ◆ "Stop Operation" check @ 10.0 min. mix time showed one puck intact, the other puck appeared to be completely broken apart – loose fibers displayed as well as the paper wrap. Documented w/ pic.
- ◆ "Stop Operation" check @ 13.0 min. mix time showed both pucks completely broken apart – loose fibers displayed as well as both pucks' paper wrap. Documented w/ pic. Note: dumped mix onto ground, sifted through and verified that both fiber bundles were completely broken apart.

PGI "QC" ¾" Fibrillated Fiber: (9/20/05)

- ◆ Fiber Wt. – 115.3 g. (~ 250 bundles)
- ◆ "Stop Operation" check @ 5.0 min. mix time, appeared to have ~ 30 – 35% bundle break-up. Documented w/ pic.
- ◆ "Stop Operation" check @ 8.0 min. mix time, appeared to have ~ 70% bundle break-up. Documented w/ pic.
- ◆ "Stop Operation" check @ 10.0 min. mix time, appeared to have ~ 90 - 95% bundle break-up. Documented w/ pic. Note: dumped mix onto ground, sifted through and did appear to have the 90 – 95% fiber bundle break-up.

Mike DeWeese, 9/21/05